

Critical Infrastructure for the World's Leading Data Centers

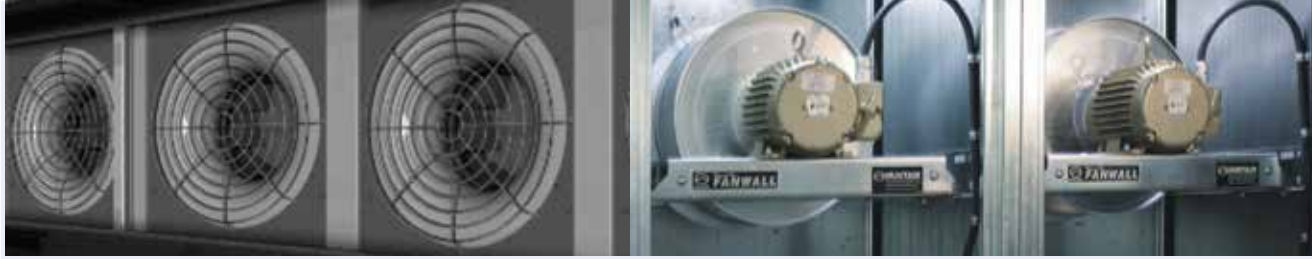
NORTEK[™]
AIR SOLUTIONS



SUPEREVAP CRAH & Air Handler Units

Ultra Efficient Adiabatic CRAH Unit

THE NEXT GENERATION CRAH ADAPTING TO MEET YOUR NEEDS



SUPEREVAP CRAH

- Modular Design – available in many configurations and sizes
- Advanced touch controls with real time monitoring
- FANWALL TECHNOLOGY® with advanced controls for partial load efficiency
- Energy efficient design
- UL ratings

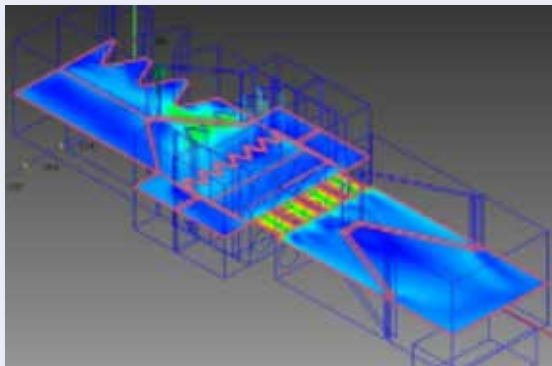


LARGE SCALE AIR HANDLER

- >50,000 CFM

SUPEREVAP CRAH STANDARD DESIGNS

- 104,000 cfm shown
- Low-cost design
- Configurable design (2 foot increments)
- Increasing performance
 - Lab based data
 - Predictive results (CFD)
 - Field data



SUPEREVAP CRAH

BUILT FOR DURABILITY



Steel panel construction



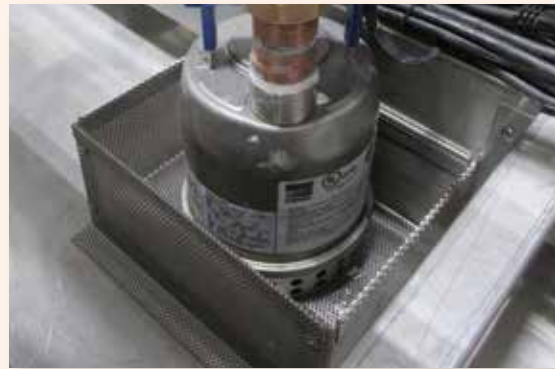
Ultra-efficient adiabatic media



Economizer damper on SuperEvap rooftop unit



Industrial control valves



Stainless steel pump



Fan section with inherent FANWALL® system redundancy



Filter Section: MERV 8 and MERV 13 filters available

SUPEREVAP CRAH SPECS

| Model Type | | Vertical SuperEvap CRAHU | | | Horizontal S.E.AHU |
|--------------------------------------|---------|--------------------------|-------------------|-------------------|--------------------|
| | Units | SEVCR 22.5k | SEVCR 30k | SEVCR 38k | SEVRTU 100k |
| Airflow | cfm | 22500 | 30000 | 38000 | 100000 |
| # fans/unit | | 3 | 4 | 5 | 12 |
| FanType | | FANWALL | | | |
| Backdraft Dampers | | Included | | | |
| Ext Static Pressure | In. H2O | 1 | 1 | 1 | 1.25 |
| Fan Absorbed Power | kW | 6.8 | 9.1 | 11.6 | 55.0 |
| Fan Motor Type | | Permanent Magnet Motors | | | Conventional Motor |
| Filter Type PerfectPleat | | MERV 13 | | | MERV 13 |
| # of Filters 12" x 24" | | 3 | 15 | 7 | 0 |
| # of Filters 24" x 24" | | 9 | 0 | 14 | 60 |
| Filter Media face area | sq ft | 35 | 50 | 70 | 240 |
| Filter/Adiabatic Media face velocity | fpm | 643 | 600 | 543 | 714 |
| Cooling Technology - Wetted Media | | 85% Effective | | | 95% Effective |
| Nominal Outside Air Temp (EAT) | deg F | 95db/76wb | 95db/76wb | 95db/76wb | 95db/76wb |
| Gross Cooling Performance | kW | 135 | 180 | 228 | 601 |
| PARTIAL PUE | | 1.050 | 1.050 | 1.051 | 1.091 |
| Dimensions H/W/D | Inches | 66" x 120" x 163" | 66" x 160" x 163" | 66" x 200" x 163" | 148" x 156" x 310" |
| Weight Operating | lb | 5865 | 7385 | 9211 | 20351 |

Note: Horizontal AHU Version is configurable in 2 ft increments to meet performance/site requirements

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NAS-DC-SB-25
March 2016